

# REVIEW

OF

## APPLIED MYCOLOGY

AUGUST

SUPPLEMENT 5

1942

- Aphanostigme lanuginis** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 412, 1941 as *A. 'lanugine'* on *Garrya elliptica*.—California, U.S.A.
- Ascochyella potentillae** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 264, 1940 on dead stems of *Potentilla argentea*.—Mähr.-Weiskirchen, [Czechoslovakia].
- stegasphaeriae** Petrak in *Ann. mycol.*, Berl., xxxix, p. 346, 1941 on *Mesniera pavonina*.—Philippine Islands.
- Asteromella chaerophylli** (C.Mass.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 264, 1940. (Syn. *Phyllosticta chaerophylli* C.Mass.).
- phalaridis** Sydow in *Ann. mycol.*, Berl., xxxviii, p. 469, 1940 on old *Phalaris arundinacea*.—Germany.
- Badhamia dearnessii** Hagelstein in *Mycologia*, xxxiv, p. 117, 1942 on dead twigs of *Picea glauca* [as *P. alba*].—Quebec, Canada.
- Bagnisiopsis astrocaryae** (Rehm) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 245, 1940. (Syn. *Montagnella astrocaryae* Rehm).
- Beloniopsis catarhyta** Kirschstein in *Hedwigia*, lxxx, p. 130, 1941 on old *Fraxinus?*.—Germany.
- Botryodiplodia austriaca** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 161, 1940 on dead branches of *Prunus padus*.—Austria.
- Calodon alboniger** (Peck) Seeler in *Rhodora*, xlv, p. 168, 1942. (Syn. *Hydnum albonigrum* Peck).
- Calonectria truncata** Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 257, 1942 on leaf-hoppers.—St. Lucia, B.W.I.
- Calosphaeria pirellifera** Kirschstein in *Hedwigia*, lxxx, p. 126, 1941 on *Salix caprea*.—Germany.
- CALOSPHERIOPSIS** Petrak in *Ann. mycol.*, Berl., xxxix, p. 272, 1941.—Pyrenomyces.
- huberiana** (Kirschst.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 273, 1941. (Syn. *Calospora huberiana* Kirschst.).
- Candida chalmersi** Cast. var. *velosa* Negroni & Fischer in *Rev. Inst. bact.*, B. Aires, ix, p. 316, 1940 in human faeces.—Argentina.
- paranaensis** Negroni & Fischer in *Rev. Inst. bact.*, B. Aires, x, p. 338, 1941 on *Cydonia vulgaris*.—Argentina.
- CALOCHORA** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 341, 1940.—Pyrenomyces.
- baumgartneri** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 341, 1940 on dead branches of *Staphylea pinnata*.—Austria.
- Cenangium catervatum** Kirschstein in *Hedwigia*, lxxx, p. 128, 1941 on dead *Ribes sanguineum*.—Germany.
- \*Cephalosporium dieffenbachiae** Linn in *Phytopathology*, xxxii, p. 174, 1942 on *Dieffenbachia picta*.—New York, U.S.A.
- subclavatum** Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 262, 1942 on larvae of *Lepidoptera*.—Britain.
- Ceratobasidium atratum** (Bres.) Rogers apud Martin in *Lloydia*, iv, p. 262, 1941. (Syn. *Corticium atratum* Bres.).
- Cercoseptoria astragali** (Rostr.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 242, 1940. (Syn. *Cylindrosporium astragali* Rostr.).
- Cercospora californica** Bonar in *Mycologia*, xxxiv, p. 188, 1942 on *Rhus diversiloba*.—California, U.S.A.
- Chaetabolis falcata** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 413, 1941 on *Lithocarpus densiflorus*.—California, U.S.A.
- Chaetotrichum macrosporum** Bonar in *Mycologia*, xxxiv, p. 189, 1942 on dead twigs. —California, U.S.A.
- CHONDROSTROMA** Sydow in *Ann. mycol.*, Berl., xxxviii, p. 470, 1940.—Fungi Imperfecti.
- laricis** Sydow in *Ann. mycol.*, Berl., xxxviii, p. 471, 1940 on dead branches of *Larix sibirica*.—Germany.
- CHYTRELLA** Kirschstein in *Hedwigia*, lxxx, p. 134, 1941.—Helotiales.
- cosmia** Kirschstein in *Hedwigia*, lxxx, p. 134, 1941 on decaying stems of *Sambucus ebulus*.—Germany.
- CILIOPHORELLA** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 373, 1940.—Sphaeropsidales.
- insignis** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 373, 1940 on dead *Sesleria varia*.—Austria.
- CILIOSCULUM** Kirschstein in *Hedwigia*, lxxx, p. 133, 1941.—Helotiales.
- invisible** Kirschstein in *Hedwigia*, lxxx, p. 133, 1941 on *Populus tremula*.—Germany.
- Cladochytrium crassum** Hillegas in *Mycologia*, xxxiii, p. 618, 1941.—New York, U.S.A.
- hyalinum** Berdan in *Amer. J. Bot.*, xxviii, p. 425, 1941 on grass leaves.—North Carolina, U.S.A.
- Clasterosporium resinae** Rillstone in *J. Bot.*, Lond., lxxix, p. 188, 1941 on resin from larch trees.—England.
- Clathridium symphoricarpi** (Rehm) Petrak



- [comb. nov.?] in *Ann. mycol., Berl.*, xxxviii, p. 229, 1940. (Syn. *Plowrightia symphoricarpi* Rehm).
- Clavaria calocera** G. W. Martin in *Lilloa*, v, p. 196, 1940 on moss-covered rocks and mossy earth.—Colombia.
- **coronilla** G. W. Martin in *Lilloa*, v, p. 194, 1940 on wood.—Colombia.
- Clithris sequoiae** Bonar in *Mycologia*, xxxiv, p. 183, 1942 on dead branches of *Sequoia sempervirens*.—California, U.S.A.
- \***Clitopilus omphaliformis** Josseland in *Bull. mens. Soc. Linn. Lyon*, x, p. 107, 1941.—France.
- CLYPEOCARPUS** Kirschstein in *Hedwigia*, lxxx, p. 126, 1941.—Pyrenomycetes.
- **alpinus** Kirschstein in *Hedwigia*, lxxx, p. 126, 1941 on old *Veratrum album*.—Germany.
- COLEOSEPTORIA** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 225, 1940.—Sphaeropsidales.
- **ephedrae** (Auersw.) Petrak in *Ann. mycol., Berl.*, xxxviii, p. 225, 1940. (Syn. *Sphaeria ephedrae* Auersw.).
- COLUMNODOMUS** Petrak in *Ann. mycol., Berl.*, xxxix, p. 267, 1941.—Sphaeropsidales.
- **microsporus** Petrak in *Ann. mycol., Berl.*, xxxix, p. 267, 1941 on *Prunella* [as *Brunella*] sp.—Austria.
- Coniothyrium massariae** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 374, 1940 in perithecia of *Massaria conspurcata*.—Austria.
- Cordyceps gryllotalpae** Kobayasi [cited as Ellis & Seaver apud Lloyd] in *Sci. Rep. Tokyo Bunrika Daig.*, Sect. B, v, p. 70, 1941 on *Gryllotalpa africana*.—Korea.
- Cryptodiaporthe corni** (Wehm.) Petrak in *Ann. mycol., Berl.*, xxxix, p. 302, 1941. (Syn. *Apioportha corni* Wehmeyer).
- Cryptodidymosphaeria stegasphaeriae** Petrak in *Ann. mycol., Berl.*, xxxix, p. 345, 1941 on *Mesniera pavonina*.—Philippine Islands.
- Cunninghamella meineckella** Olson in *Phytopathology*, xxxi, p. 1076, 1941 on *Pinus jeffreyi* and *P. ponderosa*.—California, U.S.A.
- CYLINDROCHYTRIUM** Karling in *Bull. Torrey bot. Cl.*, lxviii, p. 382, 1941.—Chytridiales.
- **johnstonii** Karling in *Bull. Torrey bot. Cl.*, lxviii, p. 382, 1941 on decaying vegetable debris.—Virginia, U.S.A.
- CYLINDROGLOEUM** Petrak in *Ann. mycol., Berl.*, xxxix, p. 276, 1941.—Melanconiales.
- **arcticum** Petrak in *Ann. mycol., Berl.*, xxxix, p. 276, 1941 on *Potentilla verna* var. *sabauda*.—Lapland.
- Cylindrosporium quercinum** Carter in *Bull. Ill. nat. Hist. Surv.*, xxi, p. 221, 1941 on *Quercus imbricaria*.—Illinois, U.S.A.
- Diaporthe farcta** (Berk. & Br.) Petrak in *Ann. mycol., Berl.*, xxxix, p. 284, 1941 [but see Wehmeyer, The genus *Diaporthe*]. (Syn. *Sphaeria farcta* Berk. & Br.).
- Dictyostelium minutum** Raper in *Mycologia*, xxxiii, p. 634, 1941 from leaf mould.—Virginia, Massachusetts, Maryland, U.S.A.
- Didymella austriaca** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 346, 1940 on dead *Sesleria varia*.—Austria.
- **rupicola** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 232, 1940 on dead scapes of *Allium montanum*.—Mähr.-Weiskirchen, [Czechoslovakia].
- **vitalbina** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 348, 1940 on *Clematis vitalba*.—Austria.
- Diedickeia piceae** Bonar in *Mycologia*, xxxiv, p. 185, 1942 on *Picea sitchensis*.—California, U.S.A.
- Dimeriella pseudotsugae** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 405, 1941 on *Pseudotsuga taxifolia*.—California, U.S.A.
- Discosphaerina epilobii** (Wallr.) Petrak [comb. nov.?] in *Ann. mycol., Berl.*, xxxviii, p. 253, 1940. (Syn. *Sphaeria epilobii* Wallr.).
- Dothichiza garryae** Bonar in *Mycologia*, xxxiv, p. 187, 1942 on *Garrya elliptica*.—California, U.S.A.
- DOTHISTROMA** Hulbary in *Bull. Ill. nat. Hist. Surv.*, xxi, p. 235, 1941.—Sphaeropsidales.
- **pini** Hulbary in *Bull. Ill. nat. Hist. Surv.*, xxi, p. 235, 1941 on *Pinus nigra* var. *austriaca*.—Illinois, U.S.A.
- Elsinoe arrudai** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 8, 1941 on *Tournefortia*.—Brazil.
- **blechni** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 2, 1941 on *Blechnum serrulatum*.—Brazil.
- **boehmeriae** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 3, 1941 on *Boehmeria caudata*.—Brazil.
- **caleae** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 11, 1941 on *Calea pinnatifida*.—Brazil.
- **caroli** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 10, 1941 on Bignoniaceae.—Brazil.
- **costai** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 7, 1941 on *Cordia sellowiana*.—Brazil.
- **cryptostegiae** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 6, 1941 on *Cryptostegia grandiflora*.—Brazil.
- **deslandesii** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 12, 1941 on *Moquinia polymorpha*.—Brazil.
- **kramerii** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 4, 1941 on Leguminosae indet.—Brazil.
- **lepagei** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 5, 1941 on *Achras sapota*.—Brazil.
- **ractii** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 11, 1941 on *Ambrosia polystachya*.—Brazil.
- **rochalmi** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 4, 1941 on Dilleniaceae.—Brazil.
- **verbenae** Bitancourt & Jenkins in *Arg. Inst. biol., S. Paulo*, xii, p. 9, 1941 on *Verbena bonariensis*.—Brazil.
- ENDOMELANCONIUM** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 206, 1940.—Sphaeropsidales.
- **pini** (Corda) Petrak in *Ann. mycol., Berl.*, xxxviii, p. 206, 1940. (Syn. *Melanconium pini* Corda).
- Entyloma aster-sericeanum** Zundel in *Mycologia*, xxxiv, p. 126, 1942 on *Aster sericeus*.—Wisconsin, U.S.A.
- **spragueanum** Zundel in *Mycologia*, xxxiv, p. 127, 1942 on *Poa pratensis*.—North Dakota, U.S.A.



- FABRELLA** Kirschstein in *Hedwigia*, lxxx, p. 131, 1941.—*Helotiales*.
- tsugae** (Farl.) Kirschstein in *Hedwigia*, lxxx, p. 132, 1941. (Syn. *Stictis tsugae* Farl.)
- Fusarium** **bicellulare** Kirschstein in *Hedwigia*, lxxx, p. 136, 1941 on *Cryptosporella hypodermia* with *Nectria episphaeria*.—Germany.
- solani** (Mart.) Sacc. [as (Mart.) App. & Wollenw.] f. **cucurbitae** Snyder & Hansen in *Amer. J. Bot.*, xxviii, p. 740, 1941 on *Cucurbita*, etc.—South Africa, North America.
- (Mart.) Sacc. [as (Mart.) App. & Wollenw.] f. **eumartii** (Carp.) Snyder & Hansen in *Amer. J. Bot.*, xxviii, p. 740, 1941. (Syn. *F. eumartii* Carp.).
- (Mart.) Sacc. [as (Mart.) App. & Wollenw.] f. **phaseoli** (Burk.) Snyder & Hansen in *Amer. J. Bot.*, xxviii, p. 740, 1941. (Syn. *F. martii phaseoli* Burk.).
- (Mart.) Sacc. [as (Mart.) App. & Wollenw.] f. **pisi** (Jones) Snyder & Hansen in *Amer. J. Bot.*, xxviii, p. 740, 1941. (Syn. *F. martii* v. *pisi* Jones).
- (Mart.) Sacc. [as (Mart.) App. & Wollenw.] f. **radicicola** (Wollenw.) Snyder & Hansen in *Amer. J. Bot.*, xxviii, p. 740, 1941. (Syn. *F. javanicum* Koord. v. *radicicola* Wollenw.).
- Geaster xerophilus** Long in *Mycologia*, xxxiv, p. 13, 1942.—New Mexico, U.S.A.
- \***Geotrichum redaelli** Negróni & Fischer in *Rev. Inst. bact.*, B. Aires, ix, p. 320, 1940 in human faeces.—Argentina.
- Gloeosporium ailanthes** Kirschstein in *Hedwigia*, lxxx, p. 137, 1941 on dead leaves of *Ailanthus glandulosa*.—Germany.
- Glioniella stipularum** Kirschstein in *Hedwigia*, lxxx, p. 127, 1941 on old *Secale cereale*.—Germany.
- Haematomyxa sequoiae** (Plowr.) Bonar in *Mycologia*, xxxiv, p. 181, 1942. (Syn. *Cenangium sequoiae* Plowr.).
- Helminthosporium cymbopogi** C. W. Dodge in *Ann. Mo. bot. Gdn.*, xxix, p. 139, 1942 on *Cymbopogon nardus* subsp. *genuinus*.—Guatemala.
- Helotium dearnessii** (Ellis & Everh.) W. L. White in *Mycologia*, xxxiv, p. 167, 1942. (Syn. *Phialea dearnessii* Ellis & Everh.).
- destructor** Peck ex W. L. White nom. nov. in *Mycologia*, xxxiv, p. 163, 1942. (Syn. *Peziza subcarnea* Cooke & Peck, non *Helotium subcarneum* (Schum.) Sacc.).
- planodiscum** (Peck & Cooke) W. L. White in *Mycologia*, xxxiv, p. 171, 1942. (Syn. *Peziza* (*Mollisia*) *planodisca* Peck & Cooke).
- Holstiella crocosarca** (Berk. & Br.) Wehmeyer in *Lloydia*, iv, p. 258, 1941. (Syn. *Thyridaria crocosarca* (Berk. & Br.) Cooke) [*Trypethelium crocosarca* Berk. & Br.].
- Hymenostilbe aphidis** Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 259, 1942 on aphids.—Dominica, West Indies.
- Hypocrea moravica** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 260, 1940 on dead wood.—Mähr.-Weiskirchen, [Czechoslovakia].
- \*—**subalpina** Petrak spec. nov. in *Ann. mycol.*, Berl., xxxviii, p. 262, 1940. (Syn. *H. rufa* (Pers.) Fr. var. *discoidea* Rehm).
- Hypoderma vincetoxici** (Duby) Petrak comb. nov. in *Ann. mycol.*, Berl., xxxviii, p. 150, 1940. [later homonym of *H. vincetoxici* (Duby) Sacc.] (Syn. *H. virgultorum* var. *vincetoxici* Duby).
- Hypomyces solani** Reinke & Berth. f. **cucurbitae** Snyder & Hansen in *Amer. J. Bot.*, xxviii, p. 741, 1941 on *Cucurbita*.—North America.
- Isaria sphaerocephala** Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 260, 1942 as '*Isaria* (*Beauveria*) *sphaerocephala*' on cocoons of *Thosea recta*.—Ceylon.
- Khekia mutabilis** (Pers.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 203, 1940. (Syn. *Sphaeria mutabilis* Pers.).
- KLASTERSKYA** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 227, 1940.—Pyrenomyces.
- acuum** (Mout.) Petrak in *Ann. mycol.*, Berl., xxxviii, p. 227, 1940. (Syn. *Lentomita acuum* Mout.).
- Lachnum lundellii** (LeGal) Nannfeldt in *Svensk bot. Tidskr.*, xxxvi, p. 297, 1942. (Syn. *Dasycephala lundellii* LeGal).
- Lactaria maculatis** Burlingham in *Mycologia*, xxxiv, p. 8, 1942.—Florida, U.S.A.
- Laetinaevia alpina** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 151, 1940 on dead stems of *Achillea clavenna*.—Austria.
- bresadolae** (Rehm) Petrak in *Ann. mycol.*, Berl., xxxviii, p. 153, 1940. (Syn. *Naevia bresadolae* Rehm).
- Lepiota cystidiosa** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 58, 1942.—Michigan, U.S.A.
- roseotincta** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 60, 1942.—Michigan, U.S.A.
- LEPIOTOPHYLLUM** Locquin nom. nov. in *Bull. mens. Soc. Linn. Lyon*, xi, p. 42, 1942. (Syn. *Leucocoprinus* sens. Heim & Rom.). [Said to be a subgenus but treated as a genus].—Agaricaceae.
- badhamii** (Berk. & Br.) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. *Agaricus* (*Lepiota*) *badhamii* Berk. & Br.].
- excoriatum** (Schaeff. [ex Fr.]) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. *Agaricus excoriatum* Schaeff. ex Fr.].
- \*—**heterosporum** Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 42, 1942 in a hothouse.—France.
- mastoideum** (Fr.) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. *Agaricus mastoideus* Fr.].
- procerum** (Fr.) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. *Agaricus procerum* Scop. ex Fr.].
- rhacodes** (Vitt.) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. *Lepiota rhacodes* (Vitt.) Quel.].
- (Vitt.) Locquin var. **puellaris** (Fr.) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. *Lepiota puellaris* (Fr.) Rea].
- rubescens** (Vel.) Locquin in *Bull. mens. Soc. Linn. Lyon*, xi, p. 40, 1942. [Syn. ? *Lepiota rubescens* Vel.].
- Lepista alboalutacea** (Möller apud Lange) Möller & Schäfer in *Ann. mycol.*, Berl., xxxviii, p. 118, 1940. [Syn. not stated].
- Leptosphaeria asteris** J. H. Miller & Burton in *Mycologia*, xxxix, p. 3, 1942 on dead stems of *Aster sagittifolius* var. *dissitiflorus*.—Georgia, U.S.A.
- clavisporea** J. H. Miller & Burton in *Myco-*



- logia*, xxxiv, p. 1, 1942 on dead stems of *Eupatorium capillifolium*.—Georgia, U.S.A.
- *longipedicellata* J. H. Miller & Burton in *Mycologia*, xxxiv, p. 2, 1942 on dead stems of *Daucus carota*, *Smallanthus wedalia*, *Solidago caesia*.—Georgia, U.S.A.
- *subcompressa* J. H. Miller & Burton in *Mycologia*, xxxiv, p. 4, 1942 on dead culms of *Andropogon glomeratus*.—Georgia, U.S.A.
- Leptothyrella falcata* Kirschstein in *Hedwigia*, lxxx, p. 136, 1941 on old *Galium silvaticum*.—Germany.
- Libertella dissepta* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 376, 1940 on dead branches of *Ulmus*.—Austria.
- *padina* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 168, 1940 on dead stems of *Prunus padus*.—Austria.
- Limacinia linnaeae* (Dearn.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 240, 1940. (Syn. *Halbaniella linnaeae* Dearn.).
- *lithocarpi* V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 409, 1941 on *Lithocarpus densiflorus*.—California, U.S.A.
- Lophiosphaera porphyrogona* Kirschstein in *Hedwigia*, lxxx, p. 122, 1941 on dead *Dahlia*.—Germany.
- Maireella andina* (Chard.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 210, 1940. (Syn. *Uleodthis andina* Chard.).
- Massaria phillyreae* Petrak in *Ann. mycol.*, Berl., xxxix, p. 260, 1941 on *Phillyrea media*.—Sardinia, Italy.
- Melasmia bornmuelleri* Petrak in *Ann. mycol.*, Berl., xxxix, p. 255, 1941 on *Clematis orientalis*.—Persia.
- Mesniera pavonina* (Syd.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 345, 1941. (Syn. *Stegasphaeria pavonina* Syd.).
- Metasphaeria stenospora* Kirschstein in *Hedwigia*, lxxx, p. 125, 1941 on old *Galium silvaticum*.—Germany.
- Microdiplodia mycophaga* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 378, 1940 on *Phytosporas montana* on *Sesleria varia*.—Austria.
- Mollisiaster serratus* Kirschstein in *Hedwigia*, lxxx, p. 129, 1941 on old *Brachypodium silvaticum*.—Germany.
- Munkia chusqueae* (Stev.) Marchionatto in *Rev. argent. Agron.*, vii, p. 175, 1940. (Syn. *Shropshiria chusqueae* Stev.).
- *strumosa* (Cooke) Marchionatto in *Rev. argent. Agron.*, vii, p. 175, 1940. (Syn. *Ustilago strumosa* Cooke).
- Mycosphaerella angulata* Jenkins in *Phytopathology*, xxxii, p. 77, 1942 on *Vitis rotundifolia*.—Georgia, U.S.A.
- *castanopsisidis* (Dearn.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 311, 1941. (Syn. *Dothidella castanopsisidis* Dearn.).
- *killiani* Petrak nom. nov. in *Ann. mycol.*, Berl., xxxix, p. 324, 1941. (Syn. *Sphaerella trifolii* Karst., non *Sphaeria trifolii* Pers.).
- *microsora* Sydow in *Ann. mycol.*, Berl., xxxviii, p. 465, 1940 on dead leaves of *Tilia parvifolia*.—Germany.
- *rhapthamni* (Keissl.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 221, 1940. (Syn. *Didymellina rhapthamni* Keissl.).
- *sequoiae* Bonar in *Mycologia*, xxxiv, p. 184, 1942 on *Sequoia sempervirens*.—California, U.S.A.
- *taeniographa* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 230, 1940 on dead stems of *Conium maculatum*.—Mähr.-Weiskirchen, [Czechoslovakia].
- Myxofusicoccum ulmicola* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 379, 1940 as *M. 'ulmicolum'* on dead branches of *Ulmus*.—Austria.
- Naevia pediculorum* Kirschstein in *Hedwigia*, lxxx, p. 127, 1941 on old leaves of *Acer pseudoplatanus*.—Germany.
- Nectria heilbrunniensis* Kirschstein in *Hedwigia*, lxxx, p. 121, 1941 on old *Ononis spinosa*.—Germany.
- *paullinae* (Rehm) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 234, 1940. (Syn. *Clintoniella paullinae* Rehm).
- *spartii* Kirschstein in *Hedwigia*, lxxx, p. 120, 1941 on *Sarothamnus scoparius*.—Germany.
- Nectriella acrosperma* Kirschstein in *Hedwigia*, lxxx, p. 120, 1941 on *Sarothamnus scoparius*.—Germany.
- NEOMELANCONIUM** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 208, 1940.—Sphaeropsidales.
- *gelatosporum* (H. Zimm.) Petrak in *Ann. mycol.*, Berl., xxxviii, p. 209, 1940. (Syn. *Melanconium gelatosporum* H. Zimm.).
- Niesslia aemula* Sydow in *Ann. mycol.*, Berl., xxxviii, p. 462, 1940 on old *Typha latifolia*.—Germany.
- *subiculosa* Sydow in *Ann. mycol.*, Berl., xxxviii, p. 463, 1940 on dead stems of *Epilobium hirsutum*.—Germany.
- Niptera abietina* Kirschstein in *Hedwigia*, lxxx, p. 130, 1941 on dead *Abies pectinata*.—Germany.
- Nowakowskiella hemisphaerospora* Shanon in *Amer. J. Bot.*, xxix, p. 174, 1942 in water.—Illinois, U.S.A.
- *profusa* Karling in *Bull. Torrey bot. Cl.*, lxviii, p. 386, 1941 as *N. 'profusum'* on decaying vegetable debris.—Virginia, U.S.A.
- Olpidiopsis sphaeritae* (Dang.) Karling in *Amer. J. Bot.*, xxix, p. 24, 1942. [Syn. *Olpidium sphaeritae* Dang.].
- Ophiobolus cirsii-altissimi* J. H. Miller & Burton in *Mycologia*, xxxiv, p. 6, 1942 on dead stems of *Cirsium altissimum*.—Georgia, U.S.A.
- *junci* J. H. Miller & Burton in *Mycologia*, xxxiv, p. 7, 1942 on dead stems of *Juncus effusus*.—Georgia, U.S.A.
- *nigro-clypeatus* J. H. Miller & Burton in *Mycologia*, xxxiv, p. 4, 1942 as *O. 'nigro-clypeatus'* on dead stems of herbaceous plants.—Georgia, U.S.A.
- Ophiocordyceps gryllotalpae* (Kobayasi) Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 257, 1942. (Syn. *Cordyceps gryllotalpae* Kobayasi).
- Othia lilacis* (Oth.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 217, 1940. (Syn. *Cladosphaeria lilacis* Oth.).
- \**Papulaspora gladioli* Hotson in *Mycologia*, xxxiv, p. 57, 1942 on *Gladiolus*.—U.S.A. [This species is based on material described by B. O. Dodge and Laskaris under the name of *Papulaspora gladioli* (Requien) Dodge and Laskaris: see Suppl. 3, p. 27 where 1.48 f. *Urocystis gladioli* read *Uredo gladioli*.]
- PARADISCULA** Petrak in *Ann. mycol.*, Berl., xxxix, p. 307, 1941.—Sphaeropsidales



- *spuria* (Vestergr.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 308, 1941. (Syn. *Phoma spuria* Vestergr.).
- Passalora asclepiadis** (Ell. & Ev.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 242, 1940. (Syn. *Scolecotrichum asclepiadis* Ell. & Ev.).
- **kirchneri** (Hegy) Petrak in *Ann. mycol.*, Berl., xxxix, p. 295, 1941. (Syn. *Marssonina kirchneri* Hegyi).
- Pezicula salicacearum** Kirschstein in *Hedwigia*, lxxx, p. 128, 1941 on dry branches of *Populus tremula*.—Germany.
- Pezizella aristospora** Bonar in *Mycologia*, xxxiv, p. 183, 1942 in dead leaves and twigs of *Sequoia gigantea*.—California, U.S.A.
- **pumila** Kirschstein in *Hedwigia*, lxxx, p. 135, 1941 on bark of *Picea abies* [as *P. excelsa*].—Germany.
- PHAEOMONOSTICHELLA** Keissler in *Ann. mycol.*, Berl., xxxix, p. 299, 1941.—Sphaeropsidales.
- **symploci** (Keissl.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 299, 1941. (Syn. *Monostichella symploci* Keissl.).
- Phaeosaccardinula anomala** (Cooke & Harkness) V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 410, 1941. (Syn. *Asterina anomala* Cooke & Harkness).
- **dematia** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 411, 1941 on *Baccharis pilularis consanguinea*.—California, U.S.A.
- Phaeosphaerella candidens** Kirschstein in *Hedwigia*, lxxx, p. 124, 1941 on *Polygonum amphibium*.—Germany.
- **rhamnii** Bonar in *Mycologia*, xxxiv, p. 185, 1942 on *Rhamnus californica*.—California, U.S.A.
- Phialea mucosa** E. G. Gray in *Trans. Brit. mycol. Soc.*, xxv, p. 332, 1942 on *Lolium* spp.—Britain.
- Phytochytrium lippsii** Lohman in *Mycologia*, xxxiv, p. 105, 1942 on *Ascobolus*.—Indiana, U.S.A.
- Phoma pannonica** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 380, 1940 on dead stems of *Artemisia austriaca*.—Austria.
- Phomopsis symploci** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 245, 1940 on *Symplocos prunifolia* and var. *paucistaminosa*.—China and Japan.
- Phragmoportha alnicola** (Cooke & Mass.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 209, 1940. (Syn. *Valsa alnicola* Cooke & Massee).
- **conformis** (Berk. & Br.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 285, 1941. (Syn. *Sphaeria conformis* Berk. & Br.).
- Phyllachora kalmiae** (Peck) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxix, p. 283, 1941. (Syn. *Dothidea kalmiae* Peck).
- **montana** (Sacc.) Petrak in *Ann. mycol.*, Berl., xxxviii, p. 360, 1940. (Syn. *Physalospora montana* Sacc.).
- **myrtilcola** (Rehm) Petrak in *Ann. mycol.*, Berl., xxxix, p. 314, 1941. (Syn. *Dothidella myrtilcola* Rehm).
- **sagreana** Petrak & Ciferri [nom. nov.] in *Ann. mycol.*, Berl., xxxviii, p. 223, 1940. (Syn. *Scirrhophragma anomala* Petrak, non Frag. & Cif.).
- Phylleutypa wittrockii** (Erikss.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 282, 1941. (Syn. *Phyllachora wittrockii* (Erikss.) Sacc.).
- Phyllosticta anthoxella** Sprague in *Mycologia*, xxxiii, p. 657, 1941 on *Anthoxanthum odoratum*.—Oregon, U.S.A.
- **owensii** Sprague in *Mycologia*, xxxiii, p. 655, 1941 on *Dactylis glomerata*.—Oregon, U.S.A.
- **phoradendri** Bonar in *Mycologia*, xxxiv, p. 188, 1942 on *Phoradendron flavescens* var. *macrophyllum*.—California, U.S.A.
- **roglerii** Sprague in *Mycologia*, xxxiii, p. 658, 1941 on *Digitaria sanguinalis*.—Iowa, U.S.A.
- **scrophulariicola** Petrak in *Ann. mycol.*, Berl., xxxix, p. 259, 1941 as *P. 'scrophulariae-cola'* on *Scrophularia nodosa*.—Moravia, Czechoslovakia.
- **senecionicola** Petrak in *Ann. mycol.*, Berl., xxxix, p. 257, 1941 on *Senecio nemorensis*.—Moravia, Czechoslovakia.
- Phyllosticta steironematis** (Dearn. & House) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 257, 1940. (Syn. *Phyllosticta steironematis* Dearn. & House).
- **viticola** (Berk. & Curt.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 258, 1940. (Syn. *Septoria viticola* Berk. & Curt.).
- Phytophthora lateralis** Tucker & Milbrath in *Mycologia*, xxxiv, p. 97, 1942 on *Chamaecyparis lawsoniana*.—Oregon, U.S.A.
- Pichia belgica** [Lindner] Dekker] var. **microspora** Negroni & Fischer in *Rev. Inst. bact.*, B. Aires, x, p. 337, 1941 on decayed *Lyopersicum esculentum*.—Argentina.
- Pirottaea acroniti** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 154, 1940 on dead stems of *Aconitum napellus*.—Austria.
- **bavarica** Kirschstein in *Hedwigia*, lxxx, p. 133, 1941 on dead *Galium silvaticum*.—Germany.
- PLAGIOSPHAERA** Petrak in *Ann. mycol.*, Berl., xxxix, p. 289, 1941.—Pyrenomyces.
- **moravica** [(Petrak)] Petrak in *Ann. mycol.*, Berl., xxxix, p. 289, 1941. (Syn. *Ophiobolus moravicus* Petrak).
- Plenotrichum peterae** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 246, 1940 on *Symplocos caudata* var. *macranthae*.—China.
- \***Podaxis pistillaris** (L. ex Pers.) Fries var. **paurospora** Dearness apud E. E. Morse in *Mycologia*, xxxiii, p. 610, 1941 from soil.—Texas, U.S.A.
- Polyporus basilaris** Overholts apud H. E. Bailey in *Bull. Torrey bot. Cl.*, lxxviii, p. 112, 1941 on *Cupressus macrocarpa*.—California, U.S.A.
- Poria spiculosa** Campbell & Davidson in *Mycologia*, xxxiv, p. 17, 1942 on shagbark hickory [*Carya alba*].—Pennsylvania, U.S.A.
- Protopeltis lithocarpi** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 412, 1941 on *Lithocarpus densiflorus*.—California, U.S.A.
- Puccinia alnetorum** Gümman in *Hedwigia*, lxxx, p. 139, 1941 on *Clematis vitalba* and *Phragmites communis*.—Switzerland.
- **leiocarpa** Thirumalachar in *Proc. Indian Acad. Sci.*, xiv, Sect. B, p. 469, 1941 as '*P. leiocarpum* (Syd. [as *Aecidium*]) Thirumalachar' on *Ocimum adscendens*.—India.
- **tiflisensis** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 237, 1940 on *Cirsium strigosum*.—Transcaucasus, U.S.S.R.
- Pyrenochaeta minuta** Carter in *Bull. Ill. nat. Hist. Surv.*, xxi, p. 219, 1941 on *Quercus palustris* and *Q. alba*.—Illinois, U.S.A.
- Pyrenopeziza austriaca** Petrak in *Ann. mycol.*, Berl., xxxviii, p. 367, 1940 on dead *Dictamnus albus*.—Austria.



- *knautiae* Kirschstein & Ludwig in *Hedwigia*, lxxx, p. 132, 1941 on *Knautia arvensis*.—Germany.
- *nannfeldtii* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 368, 1940 on dead *Laserpitium latifolium*.—Austria.
- *ruttneri* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 157, 1940 on dead stems of *Euphorbia austriaca*.—Austria.
- Rhodosticta quercina** Carter in *Bull. Ill. nat. Hist. Surv.*, xxi, p. 223, 1941 on *Quercus palustris*.—Illinois, U.S.A.
- Rosenscheldia abundans** (Dobrozz.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 266, 1941. (Syn. *Naumovia abundans* Dobrozz.).
- Rosenscheldiella orbis** (Berk.) Petrak in *Ann. mycol.*, Berl., xxxix, p. 341, 1941. (Syn. *Dothidea orbis* Berk.).
- \***Rozella barrettii** Karling in *Mycologia*, xxxiv, p. 202, 1942 on *Phytophthora cactorum*.—California, U.S.A.
- \*— *laevis* Karling in *Mycologia*, xxxiv, p. 201, 1942 on *Pythium gracile*.—Virginia, U.S.A.
- *rhizophlyctis* Karling in *Amer. J. Bot.*, xxix, p. 32, 1942 on *Rhizophlyctis petersenii*.—Texas, U.S.A.
- \***ROZELLOPSIS** Karling in *Amer. J. Bot.*, xxix, p. 33, 1942 and *Mycologia*, xxxiv, p. 205, 1942.—Chytridiales.
- *inflata* (Butler) Karling in *Amer. J. Bot.*, xxix, p. 34, 1942. (Syn. *Pleolpidium inflatum* Butler).
- *septigena* (Fischer) Karling in *Amer. J. Bot.*, xxix, p. 34, 1942. (Syn. *Rozella septigena* Fischer, non *R. septigena* Cornu).
- *simulans* (Fischer) Karling in *Amer. J. Bot.*, xxix, p. 34, 1942. (Syn. *Rozella simulans* Fischer).
- \*— *waterhousei* Karling in *Mycologia*, xxxiv, p. 206, 1942 in *Phytophthora cryptogea* and *P. megasperma*.—England.
- Russula alpina** (Blytt) Möller & Schäffer in *Ann. mycol.*, Berl., xxxviii, p. 333, 1940. (Syn. *R. emetica* [Schäff. ex Fr.] S. F. Gray ? var.] *alpina* Blytt).
- *chrysodacryoides* Singer in *Mycologia*, xxxiv, p. 77, 1942. (Name applied to a fungus described and identified as '*R. ? mordax* Burl. vel sp. nov.' in *Bull. Soc. myc. Fr.*, liv, p. 144, 1938.).
- *firmula* Schäffer in *Ann. mycol.*, Berl., xxxviii, p. 111, 1940. (Syn. *R. nitida* Auct. non Fr.).
- *xerampelina* Fr. var. *pascua* Möller & Schäffer in *Ann. mycol.*, Berl., xxxviii, p. 332, 1940.—Faroe Islands.
- *yuennanensis* (Sing.) Singer in *Mycologia*, xxiv, p. 72, 1942. (Syn. *R. viridella* Peck var. *yuennanensis* Sing.).
- Saccothecium staritzianum** Kirschstein in *Hedwigia*, lxxx, p. 124, 1941 on dead leaves of *Caragana arborescens*.—Germany.
- Sacidium strobilorum** Kirschstein in *Hedwigia*, lxxx, p. 135, 1941 on cones of *Picea omorica*.—Yugoslavia.
- Selenophoma curva** (Karst.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 239, 1940. (Syn. *Septoria curva* Karst.).
- *rupicola* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 229, 1940 on *Allium montanum*.—Mähr.-Weisskirchen, [Czechoslovakia].
- \***Septoria secalis** Prill. & Del. var. *stipae* Sprague in *Mycologia*, xxxiii, p. 664, 1941 on *Stipa viridula*.—South Dakota, U.S.A.
- *subalpina* Petrak in *Ann. mycol.*, Berl., xxxviii, p. 175, 1940 on *Senecio subalpina*.—Austria.
- Simblum texense** W. H. Long var. *albidum* W. H. Long in *Mycologia*, xxxiv, p. 128, 1942 in soil.—New Mexico, U.S.A.
- Sorosporium chardonianum** Zundel in *Mycologia*, xxxiv, p. 125, 1942 on *Pennisetum bambusiforme*.—Venezuela.
- *indicum* Mundkur in *Kew Bull.*, 1941, p. 215, 1942 on *Saccharum munja*.—India.
- Sphacelotheca erianthi** (Sydow) Mundkur in *Kew Bull.*, 1941, p. 213, 1942. (Syn. *Ustilago erianthi* Syd.).
- *peruviana* Zundel in *Mycologia*, xxxiv, p. 124, 1942 on *Sporobolus virginicus*.—Peru.
- *utahensis* Zundel in *Mycologia*, xxxiv, p. 125, 1942 on *Sporobolus airoides*.—Utah, U.S.A.
- Sphaerella ischnosperma** Kirschstein in *Hedwigia*, lxxx, p. 123, 1941 on old *Galium silvaticum*.—Germany.
- *perimens* Kirschstein in *Hedwigia*, lxxx, p. 123, 1941 on *Juncus filiformis*.—Germany.
- Spilopodia vogelii** Sydow in *Ann. mycol.*, Berl., xxxviii, p. 467, 1940 on dead stems of *Stenophragma thalianum*.—Germany.
- Spilosticta epilobii** (Fr.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxix, p. 301, 1941. (Syn. *Asteroma epilobii* Fr.).
- SPONHEIMERIA** Kirschstein in *Hedwigia*, lxxx, p. 131, 1941.—Helotiales.
- *crypta* Kirschstein in *Hedwigia*, lxxx, p. 131, 1941 on dead branches of lime [*Tilia*].—Germany.
- Stegophora oharana** (Nisik. & Mats.) Petrak [comb. nov.?] in *Ann. mycol.*, Berl., xxxviii, p. 267, 1940. (Syn. *Gnomonia oharana* Nisik. & Mats.).
- \***Stemphylium botryosum** Wallr. var. *tragopogonis* Linn in *Phytopathology*, xxxii, p. 154, 1942 as var. '*tragopogoni*' on *Tragopogon porrifolius*.—Staten Island, New York, U.S.A.
- Strumella simmondsiae** Bonar in *Mycologia*, xxxiv, p. 190, 1942 on *Simmondsia californica*.—California, U.S.A.
- Syngliocladium cleoni** (Wize) Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 263, 1942. (Syn. *Acremonium cleoni* Wize).
- *intricatum* Petch in *Trans. Brit. mycol. Soc.*, xxv, p. 264, 1942 on larva of *Phyllophaga anxia*.—Ontario, Canada.
- Thyridaria minima** (Ell. & Everh.) Wehmeyer in *Lloydia*, iv, p. 247, 1941. (Syn. *Pseudovalsa minima* Ell. & Everh.).
- *sambucina* (Peck) Wehmeyer in *Lloydia*, iv, p. 253, 1941. (Syn. *Valsa sambucina* Peck).
- *subrufa* (Ell. & Everh.) Wehmeyer in *Lloydia*, iv, p. 254, 1941. (Syn. *Pseudovalsa subrufa* Ell. & Everh.).
- *viticola* (Ell. & Everh.) Wehmeyer in *Lloydia*, iv, p. 256, 1941. (Syn. *Pseudovalsa viticola* Ell. & Everh.).
- Tilletia festuca-octoflorana** Zundel in *Mycologia*, xxxiv, p. 126, 1942 on *Festuca octoflora*.—Missouri, U.S.A.
- Tjibodasta brunnea** Martin in *Lloydia*, iv, p. 262, 1941.—Brazil.
- Tomentella badio-fusca** Bourd. & Galz. var. *angulisporea* Litschauer in *Ann. mycol.*, Berl., xxxix, p. 376, 1941.—'Macedonia'.



- **donkii** Litschauer in *Ann. mycol., Berl.*, xxxix, p. 372, 1941 on bark.—Sweden.
- **griseo-umbrina** Litschauer in *Ann. mycol., Berl.*, xxxix, p. 373, 1941 on old wood.—Sweden.
- **griseo-violacea** Litschauer in *Ann. mycol., Berl.*, xxxix, p. 375, 1941 on old wood and leaves.—'Macedonia'.
- Trametes alaskana** Baxter in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 150, 1942 on *Picea sitchensis*.—Alaska.
- Trematosphaeria rheithrophila** Kirschstein in *Hedwigia*, lxxx, p. 122, 1941 on dead ? *Fraginus*.—Germany.
- Tricholoma huronense** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 66, 1942.—Michigan, U.S.A.
- **luteomaculosum** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 67, 1942.—Michigan, U.S.A.
- **michiganense** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 69, 1942.—Michigan, U.S.A.
- **palustre** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 70, 1942.—Michigan, U.S.A.
- **subcerinum** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxvii (1941), p. 72, 1942.—Michigan, U.S.A.
- Trichothyrium austriacum** Petrak in *Ann. mycol., Berl.*, xxxviii, p. 365, 1940 on dead *Pinus nigra*.—Austria.
- **pinophyllum** (v. Höhn.) Petrak in *Ann. mycol., Berl.*, xxxix, p. 263, 1941. (Syn. *Leptopeltella pinophylla* v. Höhn.).
- Trochila staritziana** Kirschstein in *Hedwigia*, lxxx, p. 136, 1941 on dead leaves of ? *Ailanthus glandulosa*.—Germany.
- Tylochytrium dangeardii** ([?] Serbinov) Karling in *Amer. J. Bot.*, xxix, p. 24, 1942. [Syn. not stated].
- ULEOPORTHE** Petrak in *Ann. mycol., Berl.*, xxxix, p. 279, 1941.—Pyrenomycetes.
- **orbiculata** (Syd.) Petrak in *Ann. mycol., Berl.*, xxxix, p. 280, 1941. (Syn. *Valsonectria orbiculata* Syd.).
- Uromyces ari-triphylli** (Schw.) Seeler in *Rhodora*, xlv, p. 174, 1942. (Syn. *Puccinia ari-triphylli* Schw.).
- Ustilago caulicola** Zundel in *Mycologia*, xxxiv, p. 123, 1942 on *Polygonum campanulatum* var. *fulvidum*.—China.
- **epicampida** Zundel in *Mycologia*, xxxiv, p. 123, 1942 on *Epicampes emersleyi*.—Mexico.
- **underwoodii** Zundel in *Mycologia*, xxxiv, p. 124, 1942 on *Panicum virgatum*.—New York, U.S.A.
- \***Venturia acerina** Plakidas in *Mycologia*, xxxiv, p. 34, 1942 on fallen leaves of *Acer rubrum*.—New York State, U.S.A.
- **syringina** Kirschstein in *Hedwigia*, lxxx, p. 125, 1941 on dead leaves of *Syringa vulgaris*.—Germany.
- VERTIXORE** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 406, 1941.—Perisporiaceae.
- **atronitidum** V. M. Miller & Bonar in *Univ. Calif. Publ. Bot.*, xix, p. 406, 1941 on *Ceanothus thyrsiflorus* var. *griseus*.—California, U.S.A.
- Volvaria surrecta** (Knapp) Ramsbottom in *Trans. Brit. mycol. Soc.*, xxv, p. 326, 1942. (Syn. *Agaricus surrectus* Knapp).

## HOST INDEX

For Angiosperms, Gymnosperms, and Pteridophytes see under families, for Fungi see under Fungi, and for insect hosts see under Insecta.

### ACERACEAE

- Acer pseudoplatanus*  
*Naevia pediculorum*  
*Acer rubrum*  
*Venturia acerina*

### ANACARDIACEAE

- Rhus diversiloba*  
*Cercospora californica*

### ARACEAE

- Dieffenbachia picta*  
*Cephalosporium dieffenbachiae*

### ASCLEPIADACEAE

- Cryptostegia grandiflora*  
*Elsinoe cryptostegiae*

### BIGNONIACEAE

- Elsinoe caroli*

### BORAGINACEAE

- Cordia sellowiana*  
*Elsinoe costai*  
*Tournefortia*  
*Elsinoe arrudai*

### BUXACEAE

- Simmondsia californica*  
*Strumella simmondsiae*

### CAPRIFOLIACEAE

- Sambucus ebulus*  
*Chytrella cosmia*

### COMPOSITAE

- Achillea clavenna*  
*Laetinaevia alpina*

### COMPOSITAE (contd.)

- Ambrosia polystachya*  
*Elsinoe ractii*  
*Artemisia austriaca*  
*Phoma pannonica*  
*Aster sagittifolius* v. *dissitiflorus*  
*Leptosphaeria asteris*  
*Aster sericeus*  
*Entyloma aster-sericeanum*  
*Baccharis pilularis consanguinea*  
*Phaeosaccardinula dematia*  
*Calea pinnatifida*  
*Elsinoe caleae*  
*Cirsium altissimum*  
*Ophiobolus cirsii-altissimi*  
*Cirsium strigosum*  
*Puccinia tiftlisensis*  
*Dahlia*  
*Lophiosphaera porphyrogona*  
*Eupatorium capillifolium*  
*Leptosphaeria clavispora*  
*Moquinia polymorpha*  
*Elsinoe deslandesii*  
*Senecio nemorensis*  
*Phyllosticta senecionicola*  
*Senecio subalpina*  
*Septoria subalpina*  
*Smallanthus uvedalia*  
*Leptosphaeria longipedicellata*  
*Solidago caesia*  
*Leptosphaeria longipedicellata*  
*Tragopogon porrifolius*  
*Stemphylium botryosum* var. *tragopogonis*

## CRUCIFERAE

- Stenophragma thalianum*  
*Spilopodia vogelii*

## CUCURBITACEAE

- Cucurbita*  
*Fusarium solani* f. *cucurbitae*  
*Hypomyces solani* f. *cucurbitae*

## DILLENIACEAE

- Elsinoe rochalimai*

## DIPSACEAE

- Knautia arvensis*  
*Pyrenopeziza knautiae*

## EUPHORBIACEAE

- Euphorbia austriaca*  
*Pyrenopeziza ruttneri*

## FAGACEAE

- Lithocarpus densiflorus*  
*Chaetascobolisia falcata*  
*Limacinia lithocarpi*  
*Protopeltis lithocarpi*  
*Quercus alba*  
*Pyrenochaete minuta*  
*Quercus imbricaria*  
*Cylindrosporium quercinum*  
*Quercus palustris*  
*Pyrenochaete minuta*  
*Rhodosticta quercina*

## FUNGI

- Ascobolus*  
*Phlyctochytrium lippsii*  
*Cryptosporella hypodermia*  
*Fusarium bicellulare*  
*Massaria conspurcata*  
*Coniothyrium massariae*  
*Mesniera pavonina*  
*Ascochyella stegasphaeriae*  
*Cryptodidymosphaeria stegasphaeriae*  
*Physalospora montana*  
*Microdiplodia mycophaga*  
*Phytophthora cactorum*  
*Rozella barrettii*  
*Phytophthora cryptogea*  
*Rozellopsis waterhousei*  
*Phytophthora megasperma*  
*Rozellopsis waterhousei*  
*Pythium gracile*  
*Rozella laevis*  
*Rhizophlyctis petersenii*  
*Rozella rhizophlyctii*

## GARRYACEAE

- Garrya elliptica*  
*Aphanostigme lanuginis*  
*Dothichiza garryae*

## GRAMINEAE

- Andropogon glomeratus*  
*Leptosphaeria subcompressa*  
*Anthoxanthum odoratum*  
*Phyllosticta anthozella*  
*Brachypodium silvaticum*  
*Mollisiaster serratus*  
*Cymbopogon nardus* subsp. *genuinus*  
*Helminthosporium cymbopogi*  
*Dactylis glomerata*  
*Phyllosticta owensii*  
*Digitaria sanguinalis*  
*Phyllosticta roglerii*  
*Epicampes emersleyi*  
*Ustilago epicampida*  
*Festuca octoflora*  
*Tilletia festuca-octoflorana*

## GRAMINEAE (contd.)

- Lolium*  
*Phialea mucosa*  
*Panicum virgatum*  
*Ustilago underwoodii*  
*Pennisetum bambusiforme*  
*Sorosporium chardonianum*  
*Phalaris arundinacea*  
*Asteromella phalaridis*  
*Phragmites communis*  
*Puccinia alnetorum*  
*Poa pratensis*  
*Entyloma spragueanum*  
*Saccharum munja*  
*Sorosporium indicum*  
*Secale cereale*  
*Gloniella stipularum*  
*Sesleria varia*  
*Ciliophorella insignis*  
*Didymella austriaca*  
*Sporobolus airoides*  
*Sphacelotheca utahensis*  
*Sporobolus virginicus*  
*Sphacelotheca peruviana*  
*Stipa viridula*  
*Septoria secalis* var. *stipae*

## INSECTA

- Aphids*  
*Hymenostilbe aphidis*  
*Gryllotalpa africana*  
*Cordyceps gryllotalpae*  
*Leaf-hoppers*  
*Calonectria truncata*  
*Lepidoptera*  
*Cephalosporium subclavatum*  
*Phyllophaga anxia*  
*Syngliocladium intricatum*  
*Thosae recta*  
*Isaria sphaerocephala*  
IRIDACEAE  
*Gladiolus*  
*Papuluspora gladioli* Hotson

## JUGLANDACEAE

- Carya alba*  
*Poria spiculosa*

## JUNCACEAE

- Juncus effusus*  
*Ophiobolus junci*  
*Juncus filiformis*  
*Sphaerella perimens*

## LABIATAE

- Ocimum adscendens*  
*Puccinia leiocarpa*  
*Prunella*  
*Columnnodomus microsporus*

## LEGUMINOSAE

- Elsinoe kramerii*  
*Caragana arborescens*  
*Sacothecium staritzianum*  
*Ononis spinosa*  
*Nectria heilbrunnensis*  
*Sarothamnus scoparius*  
*Nectria spartii*  
*Nectriella acrosperma*

## LILIACEAE

- Allium montanum*  
*Didymella rupicola*  
*Selenophoma rupicola*  
*Veratrum album*  
*Clypeocarpus alpinus*

## LORANTHACEAE

- Phoradendron flavescens* var. *macrophyllum*  
*Phyllosticta phoradendri*



## OLEACEAE

- Fraxinus*  
*Beloniopsis catarhyta*  
*Trematosphaeria rheithrophila*  
*Phillyrea media*  
*Massaria phillyreae*  
*Syringa vulgaris*  
*Venturia syringina*

## ONAGRACEAE

- Epilobium hirsutum*  
*Niesslia subiculosus*

## PINACEAE

- Abies pectinata*  
*Niptera abietina*  
*Chamaecyparis lawsoniana*  
*Phytophthora lateralis*  
*Cupressus macrocarpa*  
*Polyporus basilaris*  
*Larix sibirica*  
*Chondrostoma laricis*  
*Picea abies*  
*Pezizella pumila*  
*Picea glauca*  
*Badhamia dearnessii*  
*Picea omorica*  
*Sacidium strobilorum*  
*Picea sitchensis*  
*Diedickeia piceae*  
*Trametes alaskana*  
*Pinus jeffreyi*  
*Cunninghamella meineckella*  
*Pinus nigra*  
*Trichothyrium austriacum*  
*Pinus nigra* var. *austriaca*  
*Dothistroma pini*  
*Pinus ponderosa*  
*Cunninghamella meineckella*  
*Pseudotsuga taxifolia*  
*Dimeriella pseudotsugae*  
*Sequoia gigantea*  
*Pezizella aristospora*  
*Sequoia sempervirens*  
*Clithris sequoiae*  
*Mycosphaerella sequoiae*

## POLYGONACEAE

- Polygonum amphibium*  
*Phaeosphaerella concidens*  
*Polygonum campanulatum* var. *fulvidum*  
*Ustilago caulicola*

## POLYPODIACEAE

- Blechnum serrulatum*  
*Elsinoe blechni*

## RANUNCULACEAE

- Aconitum napellus*  
*Pirotaea aconiti*  
*Clematis orientalis*  
*Melasmia bornmuelleri*  
*Clematis vitalba*  
*Didymella vitalbina*  
*Puccinia alnetorum*

## RHAMNACEAE

- Ceanothus thyrsiflorus* var. *griseus*  
*Verticillium atronitidum*  
*Rhamnus californica*  
*Phaeosphaerella rhamni*

## ROSACEAE

- Cydonia vulgaris*  
*Candida paranaensis*  
*Potentilla argentea*  
*Ascochyta potentillae*  
*Potentilla verna* var. *sabauda*  
*Cylindrogloeum arcticum*

## ROSACEAE (contd.)

- Prunus padus*  
*Botryodiplodia austriaca*  
*Libertella padina*

## RUBIACEAE

- Galium silvaticum*  
*Leptothyrella falcata*  
*Metasphaeria stenospora*  
*Pirotaea bavaria*  
*Sphaerella ischnosperma*

## RUTACEAE

- Dictamnus albus*  
*Pyrenopeziza austriaca*

## SALICACEAE

- Populus tremula*  
*Ciliosculum invisibile*  
*Pezicula salicacearum*  
*Salix caprea*  
*Calosphaeria pirellifera*

## SAPOTACEAE

- Achras sapota*  
*Elsinoe lepagei*

## SAXIFRAGACEAE

- Ribes sanguineum*  
*Cenangium catervatum*

## SCROPHULARIACEAE

- Scrophularia nodosa*  
*Phyllosticta scrophulariicola*

## SIMARUBACEAE

- Ailanthus glandulosa*  
*Gloeosporium ailanthi*  
*Trochila staritziana*

## SOLANACEAE

- Lycopersicum esculentum*  
*Pichia belgica* var. *microspora*

## STAPHYLEACEAE

- Staphylea pinnata*  
*Caulochora baumgartneri*

## SYMPLOCACEAE

- Symplocos caudata* var. *macrantha*  
*Plenotrichum peterae*  
*Symplocos pruniflora* and var. *paucistaminosa*  
*Phomopsis symploci*

## TILIACEAE

- Tilia*  
*Sponheimeria crypta*  
*Tilia parvifolia*  
*Mycosphaerella microsora*

## TYPHACEAE

- Typha latifolia*  
*Niesslia aemula*

## ULMACEAE

- Ulmus*  
*Libertella dissepata*  
*Myxofusicoccum ulmicola*

## UMBELLIFERAE

- Conium maculatum*  
*Mycosphaerella taeniographa*  
*Daucus carota*  
*Leptosphaeria longipedicellata*  
*Laserpitium latifolium*  
*Pyrenopeziza namnfeldtii*

## URTICACEAE

- Boehmeria caudata*  
*Elsinoe boehmeriae*

## VERBENACEAE

- Verbena bonariensis*  
*Elsinoe verbenae*

## VITACEAE

- Vitis rotundifolia*  
*Mycosphaerella angulata*



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